New Underground Storage Tank System Installation Application

(Petroleum Products and Hazardous Substances)

An application fee of **$20.00 per tank** must accompany this application.
This completed application form and installation plan(s) must be submitted to KDHE, a **minimum of ten (10) days prior to** the proposed installation date.

KDHE USE ONLY:

Submit to: **Kansas Department of Health and Environment**
Bureau of Environmental Remediation
Storage Tank Section

1000 SW Jackson, Suite 410
Topeka, KS 66612-1367 **Phone: 785-296-8061**
Fax: 785-296-6190

State of Kansas - Division of Environment
APPROVED
When constructed to conform with Art. 44
Date: _____

By: _____

Please Print Clearly or Type

I. Facility Information

A. Facility Name: _____

B. Facility Address:_____
(street) (city) (state) (zip)

C. Contact Person: _____Phone: (_____) _____-_____

D. Legal Location: _____County: _____

E. Qtr. Section: _____ Section _____ Township _____ Range _____ E/W (circle one)

F. New facility? _____ Existing facility? _____ If existing, number of tanks already at this location: _____

G. Are tanks to be taken out of service due to this new installation? No _____ Yes_____ How many? _____

H. Will new tank(s) occupy old tank excavation? Yes _____ No _____ If "Yes," how many?_____

I. Have tank or line failures lead to this proposed new installation? Yes _____ No _____
If yes, to whom was the leak reported? _____

J. If failures have occurred, please briefly describe the incident: _____
_____
_____

K. Is this facility in the State Trust Fund for environmental cleanup? ____ Yes ____ No.

L. Number of monitoring devices already at this location:
1. Groundwater monitoring wells _____ 2. Observation tubes: _____
3. Other (please describe):_____

M. Is the facility located on Native American reservation or trust lands? Yes: ___ No: ___

II. Tank Owner Information

A. Owner Name: _____

B. Owner Address:_____
(street) (city) (state) zip)

C. Contact Person: _____Phone: (_____) _____ - _____

Email: _____Fax: (_____) _____ - _____

D. Owner Type: State/Local Government _____ Federal _____ Private _____ Retail _____

III. Contractor Information

A. Company Name: _____ Lic. No. and Exp. Date:_____

B. Company Address: _____
(street) (city) (state) (zip)

C. Individual Licensee:_____ Lic. No. and Exp. Date _____

D. Contact Person: _____ Phone: (_____) _____ - _____

Email: _____ Fax: (_____) _____ - _____

E. List other contractors and their duties: _____
_____

IV. Tank Information

(Note: Double wall tanks are required for hazardous substances. An owner may consider using secondary containment/double wall tanks if the facility is located within an environmentally sensitive area.)

Tank Numbers:				
A. Type of Tank FRP/STiP3/ACT-100				
B. 3rd party certification UL no./ASTM no./ACT-100				
C. Dble/Sngl Wall				
D. Tank Capacity (gals)				
E. Tank Dimensions Length, diameter				
F. Manufacturer				
F. Product Stored				
G. Spill Prevention **manu. & model #**				
H. Overfill Prev. auto. shutoff/audible alarm/ball float valve **manu.& model #**				
I. Backfill Type sand/gravel/crushed rock				

J. Anchoring system, please describe. If subsurface water is above the base of the tank(s), an anchoring system will be required.:_____

K. A **volumetric tank tightness test is required** at the time of installation prior to operation to insure the system is tight. Documentation of tank and line tightness may be satisfied by providing printouts from automatic tank and line monitors if testor is licensed by the State of Kansas. Submit all test results to KDHE.

Method to be performed:_____

V. Release detection for Tanks: Tank release detection method must meet the requirements of EPA regulations parts 280.41 and 280.43. Check and identify all that apply.

_____ Automatic Tank Gauge (manu.&model #:_____),

_____ Statistical Inventory Reconciliation (give name of vendor_____),

_____ Tightness Test/Inventory Control, _____ Manual Tank Gauging, _____ Interstitial Monitoring,

_____ Vapor Monitoring, _____ Groundwater Monitoring, Other (describe):_____.

If Interstitial Monitor or Vapor Monitor, give manuf. and

model#:_____.

VI. Product Line Information: Secondary containment/double wall piping is required for hazardous substances. An owner may consider using secondary containment/double wall piping if the facility is located within an environmentally sensitive area.

A. Type of lines: Material: _____ Diameter: _____ Length: _____

B. Corrosion Protection: _____

C. Product Distribution System:

_____ 1. Safe Suction (only one check valve located directly under pump).

_____ 2. Conventional Suction (circle one): Foot Valve or Angle Check

_____ 3. Pressure (submersible pump in tank). **Proceed to next page for Product Line Monitoring.**

VII. Product Line Monitoring: Line release detection method must meet the requirements of EPA regulations parts 280.41 and 280.43.

A. Line Release Detection - **All lines**: _____ Electronic Line Monitor, _____ Statistical Inventory Reconciliation, _____Tightness test/Inv. Control, _____ Interstitial Monitoring, _____Vapor Monitoring, Other (describe):_____Give manufacturer and model of if electronic line monitor, interstitial monitor, or vapor monitor checked:_____.

B. Additional Release Detection - **pressurized lines only**: _____Electronic line monitor, _____Flow Restrictor, _____ Shutoff Device, _____Continuous alarm. Give manufacturer and model of pressurized line release detection_____.

VIII. Plans and Notification Form ** **Proposed Installation Date**:_____.

This completed application form and installation plan(s) must be submitted to KDHE in Topeka, a minimum of ten (10) days prior to the **proposed installation date. Plans should document the location of the tanks, islands, dispensers, lines and vents, monitoring equipment, observation tubes, nearby structures, utilities, and property boundaries. Include a scale and north arrow. Please refer to the checklist below to assure that site plans are complete. Any changes to the proposed plans must be approved prior to installation. As-built drawings and the UST Compliance Verification must be submitted within 30 days of the completion of the installation. Copies of the submitted data should be provided to the facility owner.

IX. Checklist for Submission of Site Plans

Item on Site Plan	Yes	No
Location of tank(s), islands, and dispensers.		
Location of lines and vents.		
Location(s) of monitoring equipment.		
Location(s) of observation tubes.		
Locations of nearby structures		
Locations of utilities.		
Locations of property boundaries.		
Scale.		
North Arrow.		

X. Applicant's Certification

I certify that the information above is true to the best of my knowledge and that all equipment will be installed in compliance with the manufacturers' installation requirements. This installation will be performed in compliance with all federal, state, and local regulations.

_____ _____

Owner's Signature (date)

_____ _____

KDHE Licensed Installer Signature (date)

Please direct questions regarding installation of USTs to KDHE, Storage Tank Section, 785-296-8061. Regulations requiring the installation of observation tubes in tank excavations follow on the next page.

Article 44. - PETROLEUM PRODUCTS STORAGE TANKS

K.A.R. 28-44-16(b) All new underground storage tank installations shall be equipped with observation tubes to comply with the following requirements:

(1) Observation tubes shall be constructed in accordance with the following:

(A) Tubes shall measure four inches in diameter on the inside;

(B) Tubes shall extend from the base of the excavation to ground surface;

(C) Screened opening shall extend from the base of the excavation to a point no more than three feet below ground surface. The screened openings shall be sized to allow liquid or vapor to be intercepted by the tube without allowing the backfill materials to enter the tube;

(D) Tubes shall be equipped with water tight caps on the top and bottom;

(E) The annular space between the tube and pavement shall be sealed. The pavement or ground surface shall be graded in such a manner to prevent surface water from pooling around the tubes.

(F) Each observation tube shall be marked and secured to prevent accidental tampering.

(2) There shall be at least one observation tube for each 400 square feet of excavated area or fraction there of. Where numerous tank excavations are located on the same property, the number of observation tubes shall be determined for each separate excavation. (Authorized by and implementing K.S.A. 1989 Supp. 65-34, 105; effective Nov. 26, 1990.)